



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० १५]

मई विस्ती, शनिवार, अप्रैल १४, १९८४ (चैत्र २५, १९०६)

No. 15] NEW DELHI, SATURDAY, APRIL 14, 1984 (CHAITRA 25, 1906)

इस भाग में मिश्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड २

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और मोटिफ़

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 14th April, 1984

ADDRESS AND JURISDICTION OF OFFICES OF THE
PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below:—

Patent Office Branch,
Todi Estates, III Floor,
Lower Parel (West),
Bombay-400 013.

The States of Gujarat, Maharashtra, and Madhya Pradesh, and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE"

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Telegraphic address "PATENTOFIC".

1—17 GI/84

Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),
214, Acharya Jagadish Bose Road,
Calcutta-700 017.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees:—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

REGISTRATION OF PATENT AGENT

The following persons have been registered as Patent Agents under the provision of Section 126 of the Patents Act, 1970 :

1. Shri T. N. Aggarwal,
Rashtriya Trade Mark Co.,
22 South Basti Harphool Singh,
Sadar Thana Road, Delhi-110006.
2. Shri Om Prakash Gupta,
103/303A Colonel Ganj, Kanpur,
Uttar Pradesh.

ALTERATION OF AN ENTRY IN THE REGISTER OF PATENT AGENTS (RULE 103)

The principal place of business of Shri K. T. Jose has been altered to M/s. DePenning & DePenning, 31, Wallajah Road, Madras-600 002.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700017

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

8th March, 1984

166/Cal/84. Westinghouse Electric Corporation. An electric arc fired cupola for remelting of metal chips.

167/Cal/84. Isover Saint-Gobain. Improvements in the techniques for the formation of fibre felts.

168/Cal/84. Harcoo Corporation. Bridge Launcher.

169/Cal/84. Massey-Ferguson Services N.V. Transmission ratio selector mechanism.

170/Cal/84. Massey-Ferguson Services N.V. Vehicle transmission.

171/Cal/84. Smt. Bharati Chaudhuri & Sri Bansari Mohan Chaudhuri. Improvement in or relating to a cylinder type, deep suction hand pump by introducing a self contained power drive mechanism directly fitted on a tube well.

172/Cal/84. Naba Kumar Bandopadhyay & Sruti Bandopadhyay. A manually operated system for generating electricity and a novel generator structure.

9th March, 1984

173/Cal/84. Hoerbiger Ventilwerke Aktiengesellschaft. Improvements in a lifting device for the valve plates of Compressor Valves.

174/Cal/84. Mr. Mukul Mitra. Improvements in or relating to waffle membraned ribbed panel pre-cast concrete sanitary latrines and low cost houses.

175/Cal/84. Johnson Matthey Public Limited Company. Calibration warning apparatus.

176/Cal/84. Deutsche Thomson-Brandt GmbH. A system for transmitting colour T.V. signals.

12th March, 1984

177/Cal/84. Voest-Alpine Aktiengesellschaft. Partial-cut cutting machine.

178/Cal/84. Isover Saint-Gobain. Composite moulded panels.

13th March, 1984

179/Cal/84. American Cyanamid Company. Novel process for the preparation of aminonitriles useful for the preparation of herbicides.

180/Cal/84. Fielder Gillespie Davis Limited. Monoclonal Antibodies with specificity for crosslinked fibrin derivatives and assay for said derivatives. (17th March, 1983).

181/Cal/84. Chillcots Limited. Exhaust silencer. (17th March, 1983).

14th March, 1984

182/Cal/84. Young Sul Kim. A process for producing a D-(+)- α -(4-Alkyl-2, 3-Dioxo piperazino carbonylamo) phenyl acetic acid. [Divisional date 5th May 1982].

183/Cal/84. Mr. Mukul Mitra. Improvement in or relating to manufacturing process of low-cost ribbed panels for construction of canal lining tiles, septic tanks, low cost houses etc.

184/Cal/84. Siemens Aktiengesellschaft. Electrical Insulating material.

185/Cal/84. Westinghouse Electric Corporation. Generating an integrated graphic display of the safety status of a complex process plant.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, III RD FLOOR, KAROL BAGH, NEW DELHI-5.

13th February, 1984

127/Del/84. Bal Krishan Gupta. "A device for detecting leakage of gas from the valves of L.P. gas cylinders".

128/Del/84. Glaverbel. "Adding to silica refractory structures". (February 18, 1983).

129/Del/84. Mechanical Technology, Inc. "Resonant free-piston stirling engine having virtual rod displacer and displacer linear electrodynamic machine control of displaced drive/damping".

130/Del/84. Mechanical Technology, Inc. "Start-up and control method and apparatus for resonant free piston stirling engine".

14th February, 1984

131/Del/84. The Halcon Sd Group, Inc. "Process for the production of alkylene carbonates and oxides".

132/Del/84. Bent Pagh Sperling. "Fibre reinforced materials and thermoplastic reinforcing fibres therefor".

15th February, 1984

133/Del/84. Albert Rolland S.A. "Novel heterocyclic derivatives bearing an amino radical processes for their production and the pharmaceutical compositions containing them".

134/Del/84. Babcock Power Limited. "Boiler safety valve installations". (February 22, 1983).

135/Del/84. R. Goodwin International Ltd. "Control of electrically driven pumps". (February 16, 1983).

16th February, 1984

136/Del/84. G. D. Societa 'Per Azioni. "Pitch regulating device for small rod shaped items".

137/Del/84. Longwall Consultancy Services Limited. "Belt conveyor arrangement". (February 18, 1983 & Dec. 8, 1983).

138/Del/84. Longwall Consultancy Services Limited. "Belt conveyor arrangement". (February 18, 1983 & Dec. 8, 1983).

17th February, 1984

139/Del/84. Iriondo, S.A. "Static gymnastic bicycle".

140/Del/84. L'Air Liquide, Societe Anonyme Pour L'Etude Et L'Exploitation des procedes georges claude "Reactor and apparatus for purifying by adsorption".

141/Del/84. Sri Austin Samson Myles, "Combination Solar Cooker".

18th February, 1984

142/Del/84. Satya Dev Ahuja, "True Monkey Race Game".

143/Del/84. Super Parts Private Limited, "An improved radiator for gas appliances".

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 082

20th February, 1984

110/Mas/84. India Radiators Limited. A Radiator Cap.

111/Mas/84. R. C. S. C. P. S. Ayyathurai. A protective device for deactivating a prime mover coupled to a pump in predetermined conditions.

112/Mas/84. Cummins Engine Company, Inc., Rocker cover for use on an internal combustion engine. (Divisional to Application No. 1395/Cal/80).

21st February, 1984

113/Mas/84. Shell Internationale Research Maatschappij B.V. Apparatus for fractional distillation under vacuum. (February 23, 1983).

114/Mas/84. Shell Internationale Research Maatschappij B.V. Apparatus for fractional distillation under vacuum. (February 23, 1983).

115/Mas/84. M. A. N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Bucket Wheel Excavator.

116/Mas/84. National Aeronautics and Space Administration. Polyphenylene ethers with imide linking groups.

117/Mas/84. Velcro Industries B.V. Separable Fasteners.

118/Mas/84. The United States of America, U.S. Department of Commerce National Technical Information Service. Method of preparing a modified sulfur concrete. (Divisional to Application No. 1185/Cal/80).

22nd February, 1984

119/Mas/84. K. Seshadri. An international combustion engine.

120/Mas/84. Winfried Rosenstock. Method of driving steel profiles into a rock substratum. (December 22, 1983).

121/Mas/84. Mineral Process Licensing Corporation B.V. Process for preparing an iron oxide. (February 24, 1983).

122/Mas/84. Unie Van Kunstmestfabrieken B.V. Process for separating off calcium nitrate tetrahydrate by crystallisation.

23rd February, 1984

123/Mas/84. U. V. Nayak. An apparatus to demonstrate A.C. and/or D.C. Dynamos.

124/Mas/84. M. A. N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Bucketwheel Machine.

125/Mas/84. Castolin S.A. Powdered Material for Thermal Spraying.

126/Mas/84. Michelin & CIE (Compagnie Generale des Etablissements Michelin). Improvements in reinforcement ply for tire formed at least in part of a fabric with a three-dimensional body, tires comprising at least one such ply; method of obtaining such tires.

24th February, 1984

127/Mas/84. N. Sabapathy. Mechanical Horn Bulb (Metal).

128/Mas/84. K. G. Panje. A novel automatic level crossing.

129/Mas/84. Kinergy Corporation. Sifter Stroke Screening Unit. (September 12, 1983).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8. Kiran Sankar Roy Road, Calcutta in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

CLASS : 127F & I.

152801.

Int. Cl. F16c 3/00.

A MOTORISED ACTUATOR.

Applicants : ROTORK CONTROLS LIMITED, OF BRASSMILL LANE, LOWER WESTON, BATH BA1 3JQ, ENGLAND.

Inventors :—JEREMY JOSEPH FRY, AND PETER ROY SMITH

Application No. 1097/Cal/80 filed September 27, 1980.

Convention date 28th September, 1979 (33691/79) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A motorised actuator comprising a motor driven shaft, an output shaft, and an intermediate shaft assembly, said motor driven shaft being drivably connected with the shaft of said intermediate shaft assembly by a worm gear mesh comprising a worm on said motor driven shaft and a wormwheel on said intermediate shaft, a pinion member slidably mounted on said intermediate shaft and formed with a plurality of elongated teeth at all times in driving engagement with an output gear on said output shaft, a plurality of cut-outs or recesses formed inside said wormwheel, said pinion member being slidably relative to said output gear for drivably engaging the teeth of said pinion member with the cut-outs or recesses

inside said workwheel, and a clutching mechanism for selectively moving said pinion member slidably into and out of driving engagement with said wormwheel so as to permit independent operation of said intermediate shaft assembly and thereby said output shaft by manual means, characterized in that the ends of selected teeth or said pinion member are axially extended for engagement with the cut-outs or recesses inside said wormwheel, and that the circumferential width of each cut-out or recess is substantially larger than the width of the extended teeth of said pinion member.

(Comp. Specn. 20 pages. Drags. 5 sheets).

CLASS 122.

152802.

Int. Cl. B 03 c 1/10; 1/24.

METHOD AND APPARATUS FOR SEPARATING DRY MAGNETIC MATERIAL.

Applicants : IMPERIAL COLLEGE OF SCIENCE & TECHNOLOGY, OF SOUTH KENSINGTON, LONDON, SW7 2AZ, ENGLAND AND CRYOGENIC CONSULTANTS LIMITED, OF METROSTORE BUILDING, 231 THE VALE, LONDON, W2 7QS, ENGLAND.

Inventor : ENRICO COHEN AND JEREMY ANDREW GOOD.

Application No. 1149/Cal/80 filed October 10, 1980.

Convention dated 12th October, 1979 (25428/79) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A method of separating relatively magnetic particles from relatively non-magnetic particles in a dry state comprising allowing or causing a predetermined adjustable flow of a mixture of the magnetic and non-magnetic particles to fall vertically, under at least the influence of gravity and/or an applied force, in a three-dimensional stream initially in a common path adjacent to, and at a pre-determined distance away from, a magnet which is such as to produce a uniform strong magnetic field force in a radial direction over a relatively short proportion of the path of the particles, the radial component greatly exceeding the axial component, and the axial component exerting force which is less than that of gravity so that the magnetic particles are diverted towards the magnet but are not retained by it while the non-magnetic particles continue in their original path, the stream of magnetic and non-magnetic particles being separated by a splitter located in and adjacent to the lower portion of the path of the particles.

(Comp. Specn. 19 pages. Drags. 2 sheets).

CLASS 172C.

152803.

Int. Cl. D01g 7/00.

A DEVICE FOR EXTRACTING IMPURITIES FROM FIBRE MATERIAL, IN PARTICULAR COTTON.

Applicants : SCHUBERT & SALZER MASCHINENFABRIK AKTIENGESELLSCHAFT, OF FRIEDRICH-EBERT-STRASSE 84, 8070 INGOLSTADT, WEST GERMANY.

Inventor : KARL HANDSCHUGH, KONRAD GILHAUS AND BURKHARD WULFHORST.

Application No. 1158/Cal/80 filed October 14, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A device for extracting impurities from fibre material, in particular cotton, with at least two clothed cylinders following a feed device and a perforated drum to which the fibre material is supplied by an air stream, wherein the two clothed

cylinders are closely surrounded by a housing interrupted by separating openings with associated separating edges, the second clothed cylinder co-operating with the first clothed cylinder as a doffer and opening cylinder for the fibre material and the centrifugal forces at the periphery of the second clothed cylinder being greater than on the first clothed cylinder, and wherein the two clothed cylinders are provided with a third clothed cylinder closely surrounded by a housing interrupted with separating openings in such a way that a carding action is performed on the fibre material between the first and the third clothed cylinder, characterized in that the first clothed cylinder and the third clothed cylinder are each provided with a doffer and opening cylinder.

(Comp. Specn. 12 pages. Drags. 1 sheet).

CLASS : 85 Q & 98 E.

152804.

Int. Cl. F 27 b 7/00; F 28 c 3/02; F 27 d 13/00.

APPARATUS FOR PREHEATING AN AGGREGATE MATERIAL IN COMBINATION WITH A ROTARY KILN BY A HEATED GAS DIRECTED THROUGH THE KILN.

Applicants & Inventor : ALLEN STARLING JOHNSON, JR., OF 1235 WEST HENDERSON STREET SALISBURY, NORTH CAROLINA, UNITED STATES OF AMERICA.

Application No. 1208/Cal/80 filed October 24, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An improved preheating apparatus for heating solid aggregate in combination with a rotary kiln through which the aggregate is advanced in a downwardly inclined path of travel and wherein a heated gas is directed through the kiln in a direction opposite to the movement of the aggregate for heating the aggregate to an elevated temperature and wherein the aggregate prior to being directed into the kiln is preheated by the heated gases flowing from the kiln, is characterized in that the preheater for the aggregate comprises a pair of permeable retaining walls of nonlinear zigzag configuration extending generally vertically in opposing, spaced relation to one another to define an elongate generally vertically extending passageway of narrow cross section for the passage of the aggregate downwardly therethrough in the form of a relatively thin layer, each of the opposing gas permeable retaining walls being formed of a series of laterally extending spaced apart slats interconnected to define inclined segmental wall portions and so arranged that alternate segmental wall portions are inclined to one side of the vertical axis, with the intervening segmental wall portions being inclined to the opposite side of the vertical axis and with the slats of the opposing series being coveringly arranged and inclined angularly downwardly in the direction of movement of the aggregate and positioned in overlapping relation to one another.

(Comp. Specn. 19 pages. Drags. 3 sheets).

CLASS : 62 D & 172 F.

152805.

Int. Cl. D 01 c 1/00.

COMPOSITION FOR TREATMENT OF JUTE FABRIC OR FIBRES AND PROCESS OF TREATING JUTE FIBRES THEREWITH.

Applicants : INDIAN JUTE INDUSTRIES' RESEARCH ASSOCIATION, OF 17, TARATOLA ROAD, CALCUTTA-700053, WEST BENGAL, INDIA.

Inventor : SHYAMA PADA MONDAL AND ASHIMA-NANDA RAY.

Application No. 1381/Cal/80 filed December 12, 1980.

Complete Specification left December 11, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A composition for treatment of jute fabric such as carpet backing fabric or fibre from which carpet backing fabric is prepared to render said fabric or fibre fire-retardant and mildew proof comprising

Sodium salts and boric acid	7—12 parts
Boric acid	3—8 parts
Diammonium hydrogen phosphate	5—7 parts
Monosodium phosphate	3—5 parts
Water	To make 100 parts all parts being parts by weight.

(Prov. Specn. 5 pages. Comp. Specn. 10 pages. Drags. Nil).

CLASS : 40 E. 152806.

Int. Cl. B01d 19/00.

APPARATUS FOR VENTING AND DEAERATING FROM A LIQUID CIRCUIT.

Applicants : MASCHINENFABRIK AUGSBURG NURNBERG AKTIENGESELLSCHAFT, OF KATZWANGER STR. 101, D 8500 NURNBERG, FEDERAL REPUBLIC OF GERMANY.

Inventor : ING. HANS GOGEL.

Application No. 1439/Cal/80 filed December 29, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

Apparatus for deaerating and degassing a liquid circuit, typically the coolant circuit of internal combustion engines, incorporating at least a pump and a surge tank, characterized in that in the air-side part (3a) of the surge tank (3) means (5, 7, 8) are provided for velocity reduction and/or depressurizing of the liquid flowing in from the liquid circuit, and that means (5) are provided with a wide discharge opening (6) formed and arranged in a manner that even small air and/or gas bubbles are separated out upwards into the airside part (3a), whereas a baffle (10) is provided for the discharge of the liquid also on a wide base at greatly reduced velocity and energy.

(Compl. specn. 11 pages. Drg. 1 sheet).

CLASS : 40 F & 123. 152807.

Int. Cl. B 01 j 1/00, C05 f 9/04.

A DEVICE AND PROCESS FOR SEPARATING SOLID ELEMENTS FROM COMPOST.

Applicants : TRACEL TIRFOR INDIA PRIVATE LIMITED, 15, GANESH CHANDRA AVENUE, CALCUTTA-700 013, WEST BENGAL, INDIA.

Inventor : DR. PRADIP KUMAUR CHAKRAVARTY.

Application No. 261/Cal/81 filed March 10, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A device for separating solid or heavier elements from compost comprising a vertical chamber having two opposite openings near its midway, the chamber being continuously fed with mixed compost by an overhead conveyor mounted at the top of the said chamber with a distributor arrangement in the form of a wide tray provided thereon for even and thin distribution of the falling compost over the full width of the chamber; at one of the said opening there being mounted a blower to blast air across the falling compost, the blast being guided by deflector vanes provided in the said opening guiding the air to flow across the falling compost blowing the compost away towards the opposite opening; a separator deck mounted inclined at the mouth of the said opposite opening inclined downwards in the vertical chamber, a compost chamber situated at the end of the said opposite opening and the compost chamber being provided with a discharge opening at bottom and a chimney at the top having an expanding cross a sectional area.

(Compl. specn. 11 pages. Drags. 2 sheets).

CLASS : 133 A.

152808.

Int. Cl. 02 P 3/00.

A CIRCUIT ARRANGEMENT FOR DIRECT CURRENT BRAKING A THREE-PHASE INDUCTION MACHINE.

Applicants : SIEMENS AKTIENGESELLSCHAFT OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : HELMUT SCHMIDT.

Application No. 532/Cal/81 filed May 19, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A circuit arrangement for direct current braking a three phase induction machine with three stator windings in star connection comprising first switch means operable to cause direct current to be applied to the first and second stator windings, second switch means for short-circuiting simultaneously the third stator winding, and current detecting means arranged to detect the short-circuit current in the third stator winding and to cause said direct current to be switched-off when the current detecting means detects termination of the short-circuit current or its fall below of a predetermined value.

(Compl. specn. 12 pages. Drags. 1 sheets).

CLASS : 133 A.

152809.

Int. Cl. H 02 p 7/00.

CONTROL SYSTEM FOR CONTROLLING THE SPEED OF POLE-AMPLITUDE-MODULATED (PAM) MOTOR.

Applicants : WESTINGHOUSE ELECTRIC CORPORATION OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : STEPHEN JOHN BREZNICAN.

Application No. 924/Cal/81 filed August 19, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A control system for controlling the speed of a pole-amplitude-modulated (PAM) motor in a motor system said control system comprising :

means for providing a control trigger signal;

means for obtaining confirmation signals from the motor; sequencer means responsive to said trigger signal for sequentially providing a plurality of control signals to said motor in response to confirmation signals provided from said motor system for causing a speed change in said PAM motor from a first speed to a different speed, said confirmation signals being provided in response to said plurality of control signals.

(Compl. specn. 23 pages. Drags. 5 sheets).

CLASS : 129 J.

152810.

Int. Cl. B21 b 31/00.

ROLLING STAND.

Applicants & Inventors : 1. DAVID ISAKOVICH OKUN OF KRAMATORSK, ULITSA VOZNESENSKOGO, 25, KV. 14, USSR. 2. IOSIF ISAAKOVICH KAGANOVSKY OF KRAMATORSK ULITSA KATERINICHA, 18, KV. 9, USSR AND 3. VIKTOR IVANOVICH PONOMAREV OF KRAMATORSK, ULITSA MARATA, 12, KV. 63, USSR.

Application No. 1375/Cal/81 filed December 3, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A rolling stand comprising : two upright frames, each having an opening defined by side portions as well as upper and lower horizontal portions; chokes carrying supporting and working rollers, disposed in the opening of each frame, protrusions extending into the opening, made in the middle part of the side portions of each frame and interacting with the choke of the lower supporting roller in the extreme upper position thereof; resilient members mounted in the lower horizontal portion of each frame and interacting with the choke of the lower supporting roller in the extreme lower position thereof; adjusting means mounted in the lower and upper horizontal portions of each frame and interacting with respective chokes of the supporting rollers.

(Compl. specn. 18 pages. Drags. 2 sheets).

CLASS : 107 H.

152811

Int. Cl. F 02 m 41/06, 41/14, 45/00.

FUEL INJECTION PUMP AND PLUNGER CONTROL MEANS THEREOF.

Applicants : STANADYNE INC., OF 92, DEERFIELD ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventors : 1. GERALD RAYMOND BOUWKAMP, 2. WESLEY BURNS GILBERT, 3. CHARLES WADE DAVIS AND 4. CHARLES JAMES DONAHUE.

Application No. 1343/Cal/78 filed December 16, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

29 Claims.

A fuel injection pump comprising a rotor having a transverse bore, pumping means including at least one plunger in said bore, actuating means for powering said pumping means to cause the pumping means to pressurize pulsed charges of fuel, and means for limiting the stroke of the pumping means comprising a leaf spring member attached to the rotor having one end overlying said pumping means to limit the outward movement thereof, said stroke limiting means being engageable by said pumping means and being yieldable to increase the maximum pumping stroke gradually as speed increases above a predetermined speed.

(Compl. specn. 26 pages. Drags. 6 sheets).

CLASS : 186 E.

152812

Int. Cl. : H 01 J 31/38.

A DEVICE FOR MEASURING THE MOBILITY OF IMAGE POINTS OF A VIDEO IMAGE.

Applicants : KUREHA KAGAKU KOGYO KABUSHIKI KAISHA, 8 HORIDOME CHO 1 CHOME, NIHONBASHI, CHOU-KU, TOKYO, JAPAN.

Inventors : 1. JUERGEN ALTMANN, 2. HEIBRUN SANKE, 3. GUENTER SCHOEPPE, 4. WOLFGANG SCHUFT.

Application No. 551/Cal/79 filed on May, 29, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A device for mobility measurements of image points of a video image, comprising a video camera and a pulse generator being connected to a synchronising circuit, the outputs of which are connected to a first and a second counter and to a comparator via a filter ladder for the image signal of the video image, the outputs of the first and second counter and of the comparator being connected to a logic circuit, the output of which being connected to a computer, characterised in that the logic circuit consists of a matrix constituted of AND-elements to which the output of the comparator and, one

output of the first and of the second counter are coupled, and in that each or two neighbouring AND-elements is followed by a gate element, the trigger input of which being connected to a respective output of a direction selecting element, the input of which is connected via an OR-member to the outputs of the two neighbouring gate elements and the two output signals of which are in logic opposition, and in that each gate element is followed by a time storage the output of which is connected to the computer.

(Comp. Specn. 13 pages. Drags. 2 sheets).

CLASS : 48 A.

152813

Int. Cl. H 01 L 17/00, 17/30.

A COVER FOR AN ELECTRICAL COIL.

Applicants: LUCAS INDUSTRIES LIMITED, OF GREAT KING STREET, BIRMINGHAM B19 2XF, ENGLAND.

Inventors : KEITH JAMES WILLIAM BEECH.

Application No. 694/Cal/79 filed July 5, 1979.

Convention Date : 5th July, 1978 (28911/78) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A cover for a substantially rectangular annular coil, said cover being formed of a folded blank of electrically insulating sheet material, said blank including a substantially rectangular annular portion and two pairs of mutually opposed flaps which are folded around respective sides of the aperture in the coil to seal the inner periphery thereof, wherein the flaps of both pairs are provided, in the unfolded blank, externally of the substantially rectangular annular portion whereby portions of all of the flaps are disposed on the same side of the electrical coil assembly.

(Comp. Specn. 12 pages. Drags. 2 sheets).

CLASS : 40 f.

152814

Int. Cl. : C 08 g 31/00

A METHOD OF PREPARING A CLEAR SOLUTION OF A METAL ALKOXIDE.

Applicants : WESTINGHOUSE ELECTRIC CORPORATION OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : BULENT ERTURK YOLDAS.

Application No. 778/Cal/79 filed July 27, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A method of preparing a clear solution of a metal alkoxide which comprises :

(A) adding sufficient alcohol to give a final solids content of from 0.1 to 15% to either or both of :

(1) alkoxide having the general formula $M(OR)_n$ where M is O to 100% Ti, 0 to 30% Si, 0 to 100% Ta, or up to 15% of another metal ion which forms an alkoxide R is alkyl from C_1 to C_8 and n is the valence of M; and

(2) from 1.7 to 4 moles of water per mole of alkoxide; and

(B) mixing together said alkoxide and said water;

(C) adding a sufficient amount of a suitable acid to prevent cloudiness.

(Comp. Specn. 17 Pages. Drags. 5 sheets).

CLASS : 27 I.

152815.

Int. Cl. E 04 h 1/00.

A SINGLE STOREY BUILDING PARTICULARLY FOR DWELLING PURPOSES.

Applicants : SOCIETE TRASEN, OF KIRCHSTRASSE 1, FI-9490 VADUZ, P.O. BOX 129, LEICHENSTEIN.

Inventors : FERNAND BONAMY.

Application No. 832/Cal/79 filed August 10, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A single-storey building, particularly for dwelling purposes characterised by the fact, that : (i) it is constituted by two groupings which are parallel and contiguous, each grouping comprising three portions which are successively contiguous two by two, these portions being : a dwelling area; a covered surface not forming a dwelling area; but forming a loggia or veranda; and an uncovered area forming a patio, yard or garden; (ii) the two covered areas (i.e. the dwelling area and the covered surface not forming a dwelling area) of each of said groupings are under a common roof, without any discontinuity; and (iii) the two groupings are directed in directions opposite to one another in such a way that their dwelling areas are not contiguous, and that their loggias or verandas are open in opposite directions.

(Comp. Specn. 17 pages. Drags. 4 Sheets).

CLASS : 151 B & E.

152816

Int. Cl. B 67 d 5/58.

APPARATUS FOR INJECTING PARTICULATE POLYMER INTO A PIPELINE HYDROCARBON.

Applicants : SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V., OF CARAL VAN BYLANDTLAAN 30, THE HAGUE, THE NETHERLANDS.

Inventors : BRUCE SHERMAN DRAKE AND VITOLD RAIMOND KRUKA.

Application No. 1221/Cal/79 filed November 22, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Apparatus for injecting particulate polymer into a pipeline hydrocarbon, characterised by a mixing chamber (12) having a rotary metering valve (11) for admitting particulate polymer at the upper end of the chamber from a hopper (10) liquid inlet means (14) for spraying liquid tangentially into the chamber; and suction means for removing polymer/liquid slurry from the chamber and a pump for injecting the slurry into the pipeline hydrocarbon.

(Comp. Specn. 11 pages. Drags. 2 Sheets).

CLASS : 206 G.

152817.

Int. Cl. G 04 g 5/00.

A PULSE-WIDTH MULTIPLIER DEVICE.

Applicants : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : DR. FELIS BLASCHKE.

Application No. 287/Cal/80 filed March 13, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A pulse-width multiplier device for calculating a sum of products, each product having two factors, comprising:

a junction point;

a smoothing stage having an input coupled to the junction point and having an output at which the sum of the products is taken off;

an inverter having an output coupled to the junction point and having as inputs a plurality of input voltages, each input voltage corresponding to a first factor of each of the products;

a plurality of switches, equal in number to the number of products being summed, each switch having an output and each switch having one of the plurality of input voltages as an input;

means for generating switching pulses proportional to voltages corresponding to the respective second factors of the products, the pulses being coupled as control inputs to the switches; and

a proportional stage coupling the output of each switch and of the inverter to the junction point.

(Compl. specn. 22 pages. Drags. 3 sheets).

CLASS : 126 D.

152818

Int. Cl. B 28 d 5/00.

METHOD AND MEANS FOR DISTINGUISHING GEMSTONES.

Applicants : UNISEARCH LIMITED, OF 221-227 ANZAC PARADE KENSINGTON, NEW SOUTH WALES, AUSTRALIA.

Inventors : HIROSHI JULIAN GOLDSMID.

Application No. 288/Cal/80 filed March 14, 1980.

Convention date 28th March 1979 (PD-8221/79), Australia.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A thermal comparator for use in identifying materials such as gemstones, comprising a thermocouple to be applied to a material and including two dissimilar metals and having junctions spaced relatively close to each other and forming thermo-couple branches and a high thermal conductivity tip at one of said junctions being connected to a source of heat at least upto just prior to making contact between the thermocouple and the material to be tested so that said one branch forms a heat source for at least a short time after said tip at one of said junctions is placed in contact with the material to be identified.

(Compl. specn. 9 pages. Drags. 2 sheets).

CLASS : 164 C.

152819

Int. Cl. C 02 c 3/00.

PROCESS FOR AEROBIC ROTTING AND/OR DRYING OR ORGANIC WASTE MATERIAL IN A ROTTING BUNKER AND EQUIPMENT FOR CARRYING OUT THE PROCESS.

Applicants : HERBERT NEMETZ, OF BLEICHSTRASSE 10, 6369 SCHONECK, HESS 1, WEST GERMANY.

Inventor : HERBERT NEMETZ.

Application No. 805/Cal/80 filed July 14, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

Process for aerobic rotting and/or drying of organic waste materials in a rotting bunker which is formed by one or several rotting chambers which can be aerated or vented and heated and are arranged at different levels one below the other, the material being fed to the bunker by dumping it in loose form, being conveyed through the bunker and, after a residence time determined by the time required for rotting as a rule, this time is about 10 days has elapsed being discharged from the bunker, characterised by that the material is fed intermittently via a feed point in substantially equal portions into the intake zone of a level forming a tunnel-like reaction chamber, that after the feeding of a portion of the material has been completed, this portion is pushed forward, sliding on its support, by a clearing element through a shaping ante-chamber or a corresponding chamber section, in the longitudinal direction of the chamber, the intake zone being completely cleared, and subsequently the clearing element is moved back again into its starting position, that, after feeding at least one preceding portion, the next portion is moved up against this previously fed portion—both portions thus being compacted—and, in the further stepwise passage through the reaction space of the chamber, which can be aerated and heated, is aerated and/or heated in its compacting position and that after complete filling of the chamber or chambers, a discharge portion with a volume corresponding to that of the feed portion is discharged each time from the discharge zone.

(Compl. specn. 28 pages, Drgs. 4 sheets).

CLASS : 128 G.

152820.

Int. Cl. A 61 f 1/22.

HEART VALVE PROSTHESIS.

Applicants : HEMEX, INC., OF BOX 5073 NEW ORLEANS, LOUISIANA, UNITED STATES OF AMERICA.

Inventor : JEROME JOHN KLAWITTER.

Application No. 832/Cal/80 filed July 22, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A heart valve prosthesis comprising an annular valve body having a central passageway therethrough which is designed to be mounted to permit the flow of blood therethrough in a predetermined downstream direction, and

valve member means defined by a single leaflet or a pair of leaflets, supported upon said annular valve body for substantially pivotal movement on an eccentric axis between a closed position blocking blood flow through said central passageway and an open position allowing blood flow therethrough in said predetermined downstream direction,

said valve member means including a major body portion which is a section of a tube having a curved sidewall and being mounted with the concave surface thereof facing downstream, said axis being located substantially upstream of the center of gravity of said valve member means when in the open position and being transverse to the axis of said tube section.

(Compl. specn. 32 pages, Drgs. 5 sheets).

CLASS : 47 C.

152821.

Int. Cl. C 02 c 3/00.

A GAS GENERATING SYSTEM UTILISING SEWAGE FROM WATER CLOSETS/OR PUBLIC CONVENIENCE.

Applicants & Inventor : BALARAM SINGH OF NEW AREA, P.O. DALMIANAGAR, DISTRICT ROHTAS, BIHAR, INDIA.

Application No. 878/Cal/80 filed July 31, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

17 Claims.

A gas generating system utilising refuse or sewage from one or more water closets or public conveniences comprising at least one water closet or public conveniences which includes at least one commode, a septic or fermentation tank for receiving sewage or refuse and water from the commode or commodes, a gas holder for receiving and holding under pressure gases formed by anaerobic reaction of bacteria on the refuse or sewage in the fermentation tank, a filter tank for receiving overflow from the septic or fermentation tank, means for discharging water and the residue from the said filter tank and means for withdrawing the gas collected in the gas holder for utilisation.

(Compl. specn. 8 pages, Drgs. 1 sheet).

CLASS : 28 E.

152822

Int. Cl. F 23 d 1/00.

BURNER FOR COMBUSTION OF DUST TYPE FUEL CONSISTING AN IGNITION BURNER OPERABLE WITH SOLID FUEL.

Applicants : L & C STEINMULLER GMBH, OF FABRIKSTRASSE 1, D-5270 GUMMERSBACH 1, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. DR. SIGFRID MICHELFELDER, 2. DIPLO-MECH. KLAUS LEIKERT.

Application No. 914/Cal/80 filed August 4, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A burner for the combustion of solid fuels particularly solid fuels in the form of dusts in combination an igniting burner operable with solid fuel in the form of dusts, comprising a central air tube, centrally arranged ignition means including a fuel dust tube disposed around the said air tube, a mantle air tube arranged coaxially to and around the said fuel tube the mantle air tube having an axially displace closure with helical vanes at its rear or inlet end and a burner nozzle of conical shape extending of the opposite end into a chamber for burning the dust fuel, the said igniting burner being disposed coaxially within the central air tube and comprising an igniting dust tube secured co-axially around an igniting tube.

(Compl. specn. 10 pages, Drgs. 1 sheet).

CLASS : 55 E₉ & 60 X₉ d.

152823

Int. Cl. : B 30 b 9/62; C 07 g 7/26.

PROCESS FOR THE PRODUCTION OF ORGAN EXTRACTS WITH HIGH HEPARIN CONTENT.

Applicants : RICHTER GEDEON VEGYESZETI GYAR RT. OF 19, GYOMROI UT, BUDAPEST X, HUNGARY.

Inventors : 1. DR. ISTVAN TAKACS, 2. GYORGY KEREY, 3. JANOS ILLES, 4. PETER RUDOLF, 5. PAL-GERE, 6. DR. LASZLO CZEPE AND 7. ERZSEBET NESZ-MELYI.

Application No. 958/Cal/80 filed August 21, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

Process for the production of watery extracts of constant composition with low fat—and other pollutant content, with extremely high, at least 120/NE/ml heparin content, characterized by subjecting the heparin-enriched, amorphous granular, retentive raw material of 90—50 weight % dry substance content and large specific surface to intermittent or continuous counterflow extraction with the use of salt solution in the temperature range and at the pH value specified herein optimally for the given processing system and raw material.

(Compl. specn. 24 pages, Drg. Nil.

CLASS : 17 A2; 32 F3 c.

152824

Int. Cl. C 12 c 11/00.

PROCESS FOR PRODUCING ETHANOL BY CONTINUOUS FERMENTATION OF POLYSACCHARIDE-CONTAINING RAW MATERIALS.

Applicants : ALFA-LAVAL AKTIEBOLAG OF POST-FACK S-147 00 TUMBA, SWEDEN.

Inventors : LARS KARL JOHAN EHNSTROM.

Application No. 1093/Cal/80 filed September 26, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A process for the production of ethanol comprising degradation of a polysaccharide-containing raw material into yeast-fermentable substance and further fermentation of said substance by means of yeast in a fermentor from which a flow of fermentation liquor is withdrawn and separated into a yeast concentrate flow and into a yeast-free flow and possibly also a sludge flow, the yeast concentrate flow being recirculated to the fermentor and at least part of the yeast-free flow being fed to a simple evaporator unit corresponding to one or a few distilling stages, wherein said yeast-free flow is separated into a first vapour flow enriched in ethanol, which is fed to a plant for production of ethanol of desired grade, and into a first liquid bottom flow, at least part of which being recirculated to the fermentor, characterized in feeding to a circulation circuit, comprising said fermentor and said simple evaporator unit, a raw material flow which contains poly-saccharide material not completely degraded to fermentable substance, and maintaining in said simple evaporator unit a temperature higher than the temperature in said fermentation liquor, to effect at least part of said degradation in the simple evaporator unit.

(Compl. specn. 14 pages. Drgs. 1 sheet).

CLASS : 84 A.

152825

Int. Cl. C 10 k 1/00.

A PROCESS FOR OBTAINING H₂S, COS AND MERCAPTANS FREE GAS FROM GASES CONTAINING THE SAME BY ABSORPTION IN AN ABSORBANT SOLUTION.

Applicants : METALLGESELLSCHAFT A.G. OF 16, FRANKFURT A.M. REUTERWEG, WEST GERMANY.

Inventors : 1. ALEXANDER DOERGES, 2. MANFRED KRIEBEL AND 3. JOHANN SCHLAUER.

Application No. 1316/Cal/80 filed November 26, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A process for obtaining H₂S COS and mercaptans free gas from gases containing the same by absorption in an absorbant solution which is circulated between an absorbing zone and a regenerating zone and contains at least one organic base in an organic solvent in which the gaseous constituents to be removed are physically soluble, said organic solvent being a monohydric alcohol a N-alkylated pyrrolidone, a piperidone, a lactam or a dialkylglycoether, wherein the absorption, is effected under a pressure of 1 to 180 bars and at temperatures of 5 to 80°C, characterised in that the absorbant solution used to remove H₂S CO₂, COS and mercaptans from gases which contain these constituents contains one or more secondary or tertiary amines of the general formula R₁-NH-R₂, or (R₁)₂N=CH₂-N(R₂)₂, wherein R₁ & R₂ which may be same or different, mean CH₃ or CH₂CH₃ or CH₂-CH₂-CH₃ in a total amount of 0.5 to 5.0 moles per liter, and the amine has or the amines have a boiling point between 40 and 110°C at 1 bar.

(Compl. specn. 16 pages. Drg. 1 Sheet)

CLASS : 33 E.

152826

Int. Cl. B 22 c 5/00.

MOLDING MACHINE.

Applicants : SINTOKOGIO LTD., OF TOYOTO 8LDG., 7-23, MEIEKI-4-CHOME NAKAMURA-KU, NAGOYA, JAPAN.

Inventors : 1. NAGATO UZAKI, 2. KAZUHARU MATUI AND 3. SHIGEHIRO TOYODA.

Application No. 1361/Cal/80 filed December 9, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A molding machine comprising :

a drag molding flask provided in its side wall with at least one molding sand charging port;

a lower squeeze plate having a plurality of vent holes for jetting compressed air into said drag molding flask and adapted to be moved into said drag molding flask;

a cope molding flask provided in its side wall with at least one molding sand charging port;

an upper squeeze plate provided with a plurality of vent holes for jetting compressed air into said cope molding flask and adapted to be moved into said cope molding flask;

a match plate provided in its upper and lower surfaces with a plurality of relief ports for relieving compressed air from said cope and drag molding flasks through a chamber defined therein;

a lifting device adapted to lift said drag molding flask or to lift and lower said drag and cope molding flasks, respectively, to superpose said cope and drag molding flasks with said match plate placed therebetween;

sand reservoir means having a first and a second molding sand discharging ports communicable with said molding charging ports of the superposed cope and drag mold flasks; and

interrupting means adapted to interrupt the communication between said first molding sand discharging port said molding sand charging port of said cope molding flask and the communication between said second molding sand discharging port and said molding sand charging port of said drag mold flask, when compressed air is jetted from said vent holes of said upper and lower squeeze plates into said cope and drag molding flasks.

(Compl. specn. 17 pages. Drgs. 2 sheets).

CLASS : 55 D.

152827

Int. Cl. A 01 n 9/00.

A METHOD OF PREPARING A SYNERGISTIC HERBICIDAL COMPOSITION.

Applicants : STAUFFER CHEMICAL COMPANY, WESTPORT, CONNECTICUT 06880 USA OF DELAWARA, UNITED STATES OF AMERICA.

Inventors : BARELD EGGE GROEIWOLD.

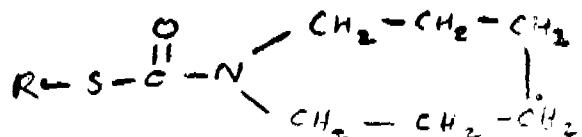
Application No. 60/Cal/81 filed January 20, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

A method of preparing a synergistic herbicidal composition which comprises admixing

(a) an alkyl 1-hexamethyleneiminocarboxylate of the formula 1



where R is C₁-C₆ alkyl and

(b) 1-1, 1-trifluoro-N [2-methyl-4-(phenylsulfonyl)-phenyl]-methanesulfonamide at a weight ratio of (a) to (b) of from 0.1 : 1 to 10 : 1.

(Compl. specn. 12 pages. Drgs. 1 sheet).

CLASS : 32 C; 55 E.

152828.

Int. Cl. C 07 g 17/00.

A PROCESS FOR THE PREPARATION OF A MIXTURE OF SULPHATED POLYSACCHARIDES.

Applicants : PHARMINDUSTRIE OF 35 QUAI DU MOULIN DE CAIGE, 92231, GENNEVILLIERS, FRANCE.

Inventors : JEAN MARDIGUAN.

Application No. 513/Cal/81 filed May 14, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A process for the preparation of a mixture of sulphated polysaccharides having the general structure of the poly-saccharides that constitute heparin and of which the acid groups are either in the free form or in a salt form wherein the polysaccharides that constitute the mixtures have an ethylenic double bond at one of the ends of their chain the mixtures having, in the form of the sodium salt, the following characteristics :

—percentage of sulphur
: 9% to 13.5%

—percentage of nitrogen
: 1.8% to 2.00%

—percentage of uronic acids
: 20% to 30%

—weight mean molecular weight
: 2000 to 10,000 daltons

—specific rotatory power in aqueous solution at 20°C :

[a] 20 : +25° to +55°
D

in which a water-soluble heparin ester resulting from the partial or complete esterification of the carboxylic acid groups of heparin is reacted in aqueous medium, at a temperature from 20°C to 80°C, with a water-soluble mineral or organic base, and the product of depolymerisation thus formed is isolated.

(Compl. specn. 42 pages. Drgs. 1 sheet).

CLASS : 32 E.

152829

Int. Cl. C 08 f 47/00.

A PROCESS FOR PRODUCING POST CHLORINATED POLYMERS HAVING INCREASED THERMAL STABILITY.

Applicants : THE B.F. GOODRICH COMPANY OF 277 PARK AVENUE, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors : DALE RITCHIE HALL.

Application No. 565/Cal/81 filed May 27, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A process for producing post chlorinated polymers having increased thermal stability during processing which comprises forming an aqueous solution containing a salt of phosphonic acid contacting a porous post-chlorinated polyvinyl chloride resin having a density in the range of from 1.52 to 1.61 grams/cc at 25°C and a chlorine content in the range of from 65% to 70% by weight with said solution while agitating the mixture evaporating the liquid from said mixture, and drying and recovering said so treated resin.

(Compl. specn. 20 pages. Drgs. Nil).

CLASS : 131 B.

152830

Int. Cl. E 21 b 11/00.

DEVICE FOR SCREWING AND UNSCREWING DRILLING RODS.

Applicants : SPETSIALNOE KONSTRUKTORSKOE BUIRO SAMOKHODNOGO GORNOGO OBORUDOVANIA OF POVAROVO SOLNECHNOGORSKOGO RAIONA OBLASTI, MOSKOVSKOI, U.S.S.R.

Inventors : 1. ALEXANDR ADOLFOVICH VUKKERT, 2. ALEXEI ANTONOVICH KOTUKH, 3. VIKTOR ALEXEEVICH SOLDATOV, 4. VADIM VASILIEVICH LOMTEV & 5. VIKTOR DMITRIEVICH CHUGUNOV

Application No. 609/Cal/81 filed June 5, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claims.

A device for screwing and unscrewing drilling rods, comprising a bed frame having a through hole with a seat; a turnable plate mounted in said seat of the bed frame with a possibility of turning relative to the latter, said plate supporting a gripping means movable with respect to said turnable plate and adapted for gripping a drilling rod a hydraulic cylinder articulated by its one end to said turnable plate and by its other end, by means of a hinge, to a lever whose opposite end is articulated to said turnable plate; a link articulated by its one end to said lever and by its other end, via hinge, to said bed frame.

(Compl. specn. 9 pages. Drgs. 1 sheet).

OPPOSITION PROCEEDINGS

(1)

The application for patent No. 146877 made by Tata Engineering & Locomotive Co. Ltd., in respect of which an opposition was entered by Prav Electro-spark Pvt. Ltd., as notified in the Gazette of India, Part-III, Section 2 dated the 12th April, 1980 has been treated as withdrawn.

(2)

An opposition has been entered by Super Parts Pvt. Ltd., to the grant of a patent on application No. 152017 made by Domestic Appliances.

PATENT SEALED

150502 150641 150649 150718 150777 150987 151022 151120
151185 151286 151313 151372 151450 151565 151597 151625
151674 151675 151677 151678 151679 151685 151686 151687
151701

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that Pfizer Inc., a corporation organised under the laws of the State of Delaware, United States of America of 235 East 42nd Street, New York, States of New York, United States of America, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their Patent application No. 144978 for "Preparation of Gamma-Pyrone". The amendments are by way of explanation, correction and disclaimer. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(2)

The amendments proposed by PLATT SACO Lowell Limited, in respect of Patent application No. 150622 as advertised in Part III Sec 2 of the Gazette of India dated the 20th August, 1983 have been allowed.

(3)

Notice is hereby given that Spaf-Societe Anonyme De Participations Financieres ET Industrielles, a French Company, of 82 Boulevard Victor Hugo, F 92209 Neuilly Sur Seine, France, have made an application under section 57 of the Patent Act, 1970 for amendment of application and specification of their application for Patent No. 150734 for "Improvement in the process for the manufacture of fibres from an attenuable material and apparatus for manufacture of fibres from an attenuable material by said process". The amendments are by way of changing name from "Saint-Gobain Industries" to "Spaf-Societe Anonyme De Participations Financieres ET Industrielles". The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said.

(4)

Notice is hereby given that Spaf-Societe Anonyme De Participation Financieres ET Industrielles, of a French company, of 62 Boulevard Victor Hugo, F 92209 Neuilly-Sur-Seine, France, have made an application under Section 57 of the Act, 1970, for amendment of name from 'Saint-Gobain Industries' to 'Spaf-Societe Anonyme De participations Financieres ET Industrielles' their application for patent No. 150783 for "Improvement in the process for the manufacture of fibres from an attenuable material and apparatus for the manufacture of fibres from an attenuable material by the said process". The amendments are by way of changing in name. The application for amendments and the proposed amendment can be inspected free charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 or copies of the same can be had on payment of usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on Form—30 within 3 months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it should be filed within one month from the date of filing of said notice of opposition.

(5)

The amendments proposed by Elkem Spigervarket A/S in respect of Patent application No. 150800 as advertised in Part III Section 2 of the Gazette of India dated 22nd October 1983 have been allowed.

(6)

Notice is hereby given that Provesta Corporation, a corporation organised under the laws of the State of Delaware, United States of America, having a place of business at 11A3 Phillips Building Bartlesvieu, State of Oklahoma 74004, United States of America, have made an application under Section 57 of the Patents Act, 1970 for amendment of application Form Title page of their application for Patent No. 151407 for "Process for producing Yeast". The amendments are by way of changing the address of the applicants. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed within the notice of opposition it shall be left within one month from the date of filing the said.

(7)

Notice is hereby given that Toyama Chemical Co. Ltd, a corporation organized under the laws Japan, of 2-5, 3 Chome, Nishishinjuku, Shinjuku-Ku, Tokyo 160 Japan have made an application under section 57 of the Patents Act, 1970 for amendment of specification of their Patent No. 151439 for "Process for producing 7-(Substituted) amino-3-substituted thiomethyl- Δ 3-Cephem-4-carboxylic acids. The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(8)

Notice is hereby given that The Marley Company, 5800 Foxridge Drive Mission, Kansas 66202, United States of America—a Delaware Corporation, have made an application under section 57 of the Patent Act, 1970 for amendment of application Form and specification of their patent application No. 151600 for "a water cooling Tower". The amendments are due to a corporate restructuring there has been a change in their address to 1900 Johnson Drive, Mission Woods, Kansas 66205, United States of America. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

RENEWAL FEES PAID

119852 120247 120299 120312 120434 120506 120618 120820
 121188 121744 124762 125040 125163 125840 125841 125974
 125991 126107 126417 126610 126663 130644 130719 130727
 130800 130801 131201 131576 132337 132728 132809 134766
 134949 134950 134951 135004 135231 135246 135323 135328
 135380 135512 135603 136137 136138 136178 137384 137878
 138008 138016 138067 138252 138395 138767 138807 138838
 138853 139202 139230 139241 139343 139408 139454 139478
 139490 139601 139692 139736 140584 140635 140647 140732
 140913 140966 141087 141094 141137 141176 141203 141306
 141316 144361 141409 141588 141990 142003 142022 142032
 142067 142347 142523 142615 142820 143016 143148 143172
 143275 143301 143334 143388 143411 143724 143778 143786
 143881 144027 144046 144073 144141 144216 144293 144406
 144408 144439 144499 144513 144552 145101 145162 145675
 145688 145721 145792 145837 145907 146085 146126 146131
 146160 146183 146574 146604 146675 146694 146917 146986
 147017 147124 147205 147321 147350 147370 147401 147410
 147545 147639 147721 147751 147764 147778 147838 147840
 147989 148063 148047 148132 148152 148154 148160 148212
 148214 148239 148240 148265 148327 148329 148355 148423
 148448 148457 148476 148503 148557 148558 148559 148636
 148637 148678 148694 148695 148731 148732 148743 148806
 148967 149089 149208 149308 149355 149645 149684
 149691 149695 149719 149810 149874 149968 150042
 150072 150074 150198 150358 150410 150423 150454

150458 150486 150529 150533 150534 150538 150558
 150571 150636 150674 150687 150688 150708 150726
 150728 150820 150822 150827 150924 150959 150973
 151013 151014 151036 151037 151038 151039 151040
 151041 151042 151088 151089 151090 151091 151093 151094
 151096 151098 151099 151100 151101 151102 151103 151104
 151105 151106 151107 151108 151109 151149 151150 151151
 151152 151153 151158 151193 151195 151196 151199 151256
 151257 151285 151303 151332 151352 151353 151355 151373
 151399 151413 151504 151505 151506

REGISTRATION OF ASSIGNMENT LICENCES ETC.
(DESIGN)

Assignments, licence or other transactions affecting the interest of the original proprietors have been registered in the following case. The number of case is followed by the name of the applicant for registration.

No.	Name
152893	HINDUSTAN COCOA PRODUCTS LIMITED

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design in the entry.

Class. 1. No. 153622. Tobu Enterprises Private Limited, an Indian Company, 8/29, Kirti Nagar Industrial Area, New Delhi-110015. India. "Tricycle". 2nd November, 1983.

Class. 1. No. 153895. Associated Engineers, 54, D.D.A. Sheds, Okhla Industrial Area, Phase-II, New Delhi-110020, Union Territory of Delhi, India, Partnership firm. "Cable Drug Elevator". 21st December, 1983.

Class. 1. No. 153199. Ashoka Laghu Udyog of Guria Bagh, Udai Singh Jain Rd., Aligarh-202007 (U.P.), India, an Indian Sole Proprietary Concern. "Toy Pistol". 13th June, 1983.

Class. 1. No. 154010. Brile Metal Products, Ground floor, Yeshoda Niwas, Ranade Road Ext., Shrivati Park, Bombay-400028, Maharashtra, an Indian Partnership Firm. "Tooth Brush & Glass Holder". 31st January, 1984.

Class. 3. No. 153967. Eagle Flask Private Limited (an existing Company under the Companies Act) at Eagle Estate, Talegaon-410507, State of Maharashtra, India. "Vacuum Flask". 18th January, 1984.

Class. 3. No. 153552. Murphy India Limited, an Indian Company, existing under the Companies Act, 1956, having its registered office at "Cheat Mahal", 463, Dr. Annie Besant Road, Worli, Bombay-400025, State of Maharashtra, India, "Cassette tape recorder". 11th October, 1983.

Class. 3. No. 154067. Indian Cosmetics, 35J, Raja Naba Kissen Street, Calcutta-700005, West Bengal, India an Indian Proprietorship Firm. "Container". 21st February, 1984.

Extn. of Copyright for the second period of five years.
No. 147789.....Class-4.

Extn. of Copyright for the Third period of five years.
No. 141697.....Class-10.

SHANTI KUMAR,
Controller General of Patents,
Designs and Trade Marks.